IN THE CLAIMS

The pending claims are as follows:

1. (Original) An implantable cardiac rhythm management device, comprising:

a sensing channel for sensing an electrogram signal representing cardiac electrical activity and circuitry for generating a chamber sense when the electrogram signal exceeds a specified threshold;

one or more stimulation channels for delivering electrical stimulation to a subject's heart;

a controller programmed to detect a tachyarrhythmia from the rate at which chamber senses are generated and to cause delivery of anti-tachyarrhythmia therapy through one or more of the stimulation channels upon detection of a tachyarrhythmia;

a telemetry interface by which the controller may communicate with an external device; and,

wherein the controller is programmed to disable the delivery of anti-tachyarrhythmia therapy for a specified time interval upon receipt of a temporary suspend command from the external device via the telemetry interface and to re-enable the delivery of anti-tachyarrhythmia therapy upon expiration of the specified time interval.

2. (Original) The device of claim 1 wherein the specified time interval for which the delivery of anti-tachyarrhythmia therapy is disabled is communicated to the implantable device by the external device via the telemetry interface.

3. (Original) The device of claim 1 wherein delivery of anti-tachyarrhythmia therapy is re-enabled before expiration of the specified time interval by receipt of a resume command from the external device via the telemetry interface.

4. (Original) The device of claim 1 further comprising a magnetic switch actuated by application of a magnetic field and wherein delivery of anti-tachyarrhythmia therapy is re-enabled before expiration of the specified time interval by actuation of the magnetic switch.

5. (Original) The device of claim 3 further comprising an activity sensor for measuring an activity level and wherein delivery of anti-tachyarrhythmia therapy is re-enabled before expiration of the specified time interval upon measurement of an activity level above a specified threshold value.

6. (Original) The device of claim 1 wherein the controller is further programmed to disable the delivery of anti-tachyarrhythmia therapy indefinitely upon receipt of an indefinite suspend command from the external device via the telemetry interface and to re-enable the delivery of anti-tachyarrhythmia therapy upon receipt of a resume command.

7. (Original) The device of claim 6 further comprising a magnetic switch actuated by application of a magnetic field and wherein the resume command is communicated to the implantable device by actuation of the magnetic switch.

8. (Original) The device of claim 6 further comprising an activity sensor for measuring an activity level and wherein the resume command is generated upon measurement of an activity level above a specified threshold value.

9. (Original) The device of claim 1 further comprising an activity sensor for measuring an activity level and wherein the controller is further programmed to disable the delivery of anti-tachyarrhythmia therapy indefinitely upon receipt of an indefinite suspend with activity re-enable command from the external device and to re-enable the delivery of anti-tachyarrhythmia therapy upon measurement of an activity level above a specified threshold value.

10. (Original) The device of claim 1 further comprising a magnetic switch actuated by application of a magnetic field and wherein the controller is further programmed to disable the

delivery of anti-tachyarrhythmia therapy indefinitely upon receipt of an indefinite suspend with magnetic re-enable command from the external device and to re-enable the delivery of anti-tachyarrhythmia therapy upon actuation of the magnetic switch.

11. (Original) The device of claim 1 wherein the one or more stimulation channels include a pacing channel for delivering anti-tachycardia pacing and wherein the controller is programmed to cause delivery of anti-tachyarrhythmia therapy in the form of anti-tachycardia pacing upon detection of a tachyarrhythmia.

12. (Original) The device of claim 1 wherein the one or more stimulation channels include a shock channel for delivering cardioversion/defibrillation shocks and wherein the controller is programmed to cause delivery of anti-tachyarrhythmia therapy in the form of a cardioversion/defibrillation shock upon detection of a tachyarrhythmia.

13. (Original) The device of claim 1 wherein the one or more stimulation channels include a pacing channel for delivering anti-tachycardia pacing and a shock channel for delivering cardioversion/defibrillation shocks, and wherein the controller is programmed to cause delivery of anti-tachyarrhythmia therapy in the form of anti-tachycardia pacing upon detection of a tachyarrhythmia in a tachycardia zone and in the form of a cardioversion/defibrillation shock upon detection of a tachyarrhythmia in a fibrillation zone.

14. (Original) The device of claim 1 wherein the controller is programmed to disable anti-tachyarrhythmia therapy by disabling one or more sensing channels.

15. (Original) The device of claim 1 wherein the one or more stimulation channels include a pacing channel for delivering bradycardia pacing in an inhibited demand mode and further wherein the controller is programmed to disable anti-tachyarrhythmia therapy by disabling one or more sensing channels which thereby also causes the device to revert to an asynchronous pacing mode.

16. (Original) An implantable cardiac rhythm management device, comprising:

a sensing channel for sensing an electrogram signal representing cardiac electrical activity and circuitry for generating a chamber sense when the electrogram signal exceeds a specified threshold;

one or more stimulation channels for delivering electrical stimulation to a subject's heart;

a controller programmed to detect a tachyarrhythmia from the rate at which chamber senses are generated and to cause delivery of anti-tachyarrhythmia therapy through one or more of the stimulation channels upon detection of a tachyarrhythmia;

a magnetic switch interfaced to the controller which is actuated by application of a magnetic field;

a telemetry interface by which the controller may communicate with an external device; and,

wherein the controller is programmed to disable the delivery of anti-tachyarrhythmia therapy indefinitely upon receipt of an indefinite suspend with magnetic re-enable command from the external device and to re-enable the delivery of anti-tachyarrhythmia therapy upon actuation of the magnetic switch.

17. (Original) The device of claim 16 wherein the one or more stimulation channels include a pacing channel for delivering bradycardia pacing in an inhibited demand mode and further wherein the controller is programmed to disable anti-tachyarrhythmia therapy by disabling the sensing channel which thereby also causes the device to revert to an asynchronous pacing mode.

18. (Original) An implantable cardiac rhythm management device, comprising:

a sensing channel for sensing an electrogram signal representing cardiac electrical activity and circuitry for generating a chamber sense when the electrogram signal exceeds a specified threshold;

one or more stimulation channels for delivering electrical stimulation to a subject's heart;

a controller programmed to detect a tachyarrhythmia from the rate at which chamber senses are generated and to cause delivery of anti-tachyarrhythmia therapy through one or more of the stimulation channels upon detection of a tachyarrhythmia;

an activity sensor interfaced to the controller for measuring an activity level;

a telemetry interface by which the controller may communicate with an external device; and,

wherein the controller is programmed to disable the delivery of the anti-tachyarrhythmia therapy indefinitely upon receipt of an indefinite suspend with activity re-enable command from the external device and to re-enable the delivery of anti-tachyarrhythmia therapy upon measurement of an activity level above a specified threshold value.

19. (Original) The device of claim 18 wherein the one or more stimulation channels include a pacing channel for delivering bradycardia pacing in an inhibited demand mode and further wherein the controller is programmed to disable anti-tachyarrhythmia therapy by disabling the sensing channel which thereby also causes the device to revert to an asynchronous pacing mode.